BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Swimming Pool Building									
		North Side									
			Sqm	1	10.7		3.05	32.64			
			Sqm	1	3.47		3.05	10.58			
			Sqm	1	5.7		3.05	17.39			
			Sqm	1	3.67		3.05	11.19			
			Sqm	1	10.69		3.05	32.60			
		Beams	Sqm	6	1.2		1.27	9.14			
			Sqm	4	4.1		1.27	20.83			
			Sqm	1	30.0		1.27	38.10			
			Sqm	1	0.64		1.27	0.81			
		Plinth Beam	Sqm	1	30.0		0.52	15.60			
			Sqm	1	0.64		0.52	0.33			
		Steps	Sqm	6	0.40		0.55	1.32			
			Sqm	6	0.40		0.37	0.89			
			Sqm	6	0.40		0.17	0.41			
		Celing	Sqm	1	27.14	1.2		32.57			
			Sqm	1	7.53	3.57		26.86			
		West Side	Sqm	1	12.6		3.95	49.77			
		East Side	Sqm	1	12.6		4.33	54.56			
		South Side	Sqm	1	30.0		3.05	91.50			
			Sqm	1	0.79		3.05	2.41			
		Beams	Sqm	6	1.81		1.25	13.58			
			Sqm	1	30		1.25	37.50			
			Sqm	1	0.79		1.25	0.99			
			Sqm	2	2.92		1.25	7.30			
			Sqm	1	5.86		1.25	7.33			
		Celing	Sqm	1	28.81	2.1		60.50			
		Plinth Beam	Sqm	1	30		0.49	14.70			
			Sqm	1	0.79		0.49	0.39			
			Sqm	2	2.14		0.49	2.10			
		Columns	Sqm	6	1.13		2.75	18.65			
		Deduction									
		MD	Sqm	-2	2.37		2.09	-9.91			
		W	Sqm	-4	2		1.5	-12.00			
		W1	Sqm	-1	2.5		1.5	-3.75			
		D	Sqm	-1	1.2		2.1	-2.52			

1629.55

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		D1	Sqm	-1	1.18		2.08	-2.45			
		V	Sqm	-9	0.88		0.55	-4.36			
		V1	Sqm	-6	0.65		0.56	-2.18			
		Name Board	Sqm	-1	5.66		3.05	-17.26			
			Sqm	-1	2.08		1.99	-4.14			
			Sqm	-1	2.16		0.55	-1.19			
							Total Executed Quantity	**1597.96**			
							Tender Quantity	**179.10**			
							Quantity upto 125%	**223.88**			
							Quantity above 125%	**1374.09**			
							Now to be Paid Quantity				
							Quantity upto 125%	**223.88**	**121.00**	**27089.00**	
							Quantity above 125%	**1374.09**	**116.82**	~~160528.00~~	160510
Item No. 15		Providing and fixing Double shutter glass door of 12mm thick frosted toughened glass of approved make. The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications.									
Measurement Taken on											
		Near Staircase	Sqm	1	1.61		2.3	3.70			
			Sqm	2	3.6		2.4	17.28			
							Total Executed Quantity	**20.98**			
							Tender Quantity	**2.88**			
							Quantity upto 125%	**3.60**			
							Quantity above 125%	**17.38**			
							Now to be Paid Quantity				
							Quantity upto 125%	**3.60**	**9740.00**	**35064.00**	
							Quantity above 125%	**17.38**	**9744.55**	~~169390.00~~	169360

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NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency: **Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094**

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 16		Providing Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications.									
Measurement Taken on											
		Door	Cum	1	4.95	0.13	0.15	0.09			
							Total Executed Quantity	**0.09**			
							Modified Schedule B Qty	**0.09**			
							Now to be Paid Quantity	**0.09**	**69315.00**	**6434.00**	
Item No. 17		Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. with door shutter 35mm thick									
Measurement Taken on											
		Door	Sqm	1	0.75		2.1	1.58			
							Total Executed Quantity	**1.58**			
							Modified Schedule B Qty	**1.58**			
							Now to be Paid Quantity	**1.58**	**4354.00**	**6858.00**	
Item No. 18		Providing & fixing factory made SOLID PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.									
Measurement Taken on											
		Bathroom Door	Sqm	4	0.75		2.1	6.30			

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NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency	Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094									
Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount	Remarks
From / To								Rs	Rs	
	Total Executed Quantity						**6.30**			
	Modified Schedule B Qty						**6.30**			
	Now to be Paid Quantity						**6.30**	**540.00**	**3402.00**	
Item No. 19	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.									
Measurement Taken on										
	Bathroom Door	Sqm	4	0.75		2.1	6.30			
	Total Executed Quantity						**6.30**			
	Modified Schedule B Qty						**6.30**			
	Now to be Paid Quantity						**6.30**	**3181.00**	**20053.00**	
Item No. 20	Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal including two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.									
Measurement Taken on										
	Nos	1					1.00			
	Total Executed Quantity						**1.00**			
	Modified Schedule B Qty						**1.00**			
	Now to be Paid Quantity						**1.00**	**1568.00**	**1568.00**	

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Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From To										
Item No. 21	3 track x 2 Panel with mesh Specification for UPVC windows Providing & fixing of 3track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame havinga overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 30mm x 48.5mm. Glazing bead for fixing of glass shall be of size 20mm x 24mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2119mm.									
Measurement Taken on										
	Windows	Sqm	12	1.2		1.5	21.60			
				Total Executed Quantity			**21.60**			
				Modified Schedule B Qty			**21.60**			
				Now to be Paid Quantity			**21.60**	**6496.00**	**140314.00**	
Item No. 22	Specification for UPVC ventilator with fixed Louvers Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness.Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x1000mm.									
Measurement Taken on										
	Ventilators	Sqm	4	0.6		0.6	1.44			
				Total Executed Quantity			**1.44**			
				Modified Schedule B Qty			**1.44**			
				Now to be Paid Quantity			**1.44**	**4157.00**	**5987.00**	

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 23		Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.									
Measurement Taken on											
		Windows	Kgs	12			37.8	453.60			
					21kg per sqm 1.2*1.5*21=37.8						
		V	Kgs	4			7.56	30.24			
					21kg per sqm 0.6*0.6*21=7.56						
		Total Executed Quantity						**483.84**			
		Modified Schedule B Qty						**483.84**			
		Now to be Paid Quantity						**483.84**	**115.00**	**55642.00**	
Item No. 24		Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.									
Measurement Taken on											
		Hall	Sqm	1	23.4	15.95		373.23			
		Deducation									
		Head Room	Sqm	-1	5.03	3.88		-19.52			
		Columns	Sqm	-5	0.6	0.3		-0.90			
		Total Executed Quantity						**352.81**			
		Tender Quantity						**306.78**			
		Quantity upto 125%						**352.81**			
		Now to be Paid Quantity									
		Quantity upto 125%						**352.81**	**1032.00**	**364104.00**	

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Agency: **Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094**

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 25		Providing and fixing skirting of 300mm height using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., including cost of all materials, mortar, labour, curing etc., complete as per specification.									
Measurement Taken on											
		Ground Floor landing Area	m	1	5.9			5.90			
		Ground Floor Staircase Before Landing	m	3	0.3			0.90			
			m	1	0.2			0.20			
			m	1	0.43			0.43			
			m	1	0.38			0.38			
		After Landing	m	10	0.3			3.00			
		At Entrance	m	1	14.25			0.35			
			m	1	14.2			14.20			
							Total Executed Quantity	39.26			
							Modified Schedule B Qty	94.07			
							Now to be Paid Quantity	39.26	871.00	34196.00	
Item No. 26		Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms 6mm thick									
Measurement Taken on											
		Change Room	Sqm	1	6.85	5.56		38.09			
			Sqm	1	10.27	6.85		70.35			
		Toilet	Sqm	4	1.35	1.64		8.86			
		Skirting									
			Sqm	1	10.27		0.1	1.03			
			Sqm	1	6.85		0.1	0.69			

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
			Sqm	1	5.56		0.1	0.56			
			Sqm	1	6.85		0.1	0.69			
			Sqm	2	1.66		0.1	0.33			
			Sqm	2	3.04		0.1	0.61			
		Deducation									
		Toilet	Sqm	-2	3.04	1.61		-9.79			
		Doors	Sqm	-4	0.75		0.1	-0.30			
							Total Executed Quantity	**111.10**			
							Tender Quantity	**98.24**			
							Quantity upto 125%	**111.10**			
							Now to be Paid Quantity				
							Quantity upto 125%	**111.10**	**1387.00**	**154090.00**	
Item No. 27		Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms									
Measurement Taken on											
		Bathroom	Sqm	4	5.35		2.05	43.87			
							Total Executed Quantity	**43.87**			
							Modified Schedule B Qty	**43.87**			
							Now to be Paid Quantity	**43.87**	**1870.00**	**82037.00**	
Item No. 28		Providing and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall conform to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and finish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification									
Measurement Taken on											
		Truss calculation	Kgs	From Truss Calculation Sheet				23620.21			

Asst. Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore - 92

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Truss Calculation Sheet

SL NO	Item	NO's	NO. OF ELEMENTS	TOTAL NO.	LENGTH	TOTAL LENGTH	WEIGHT /m	Weight	
					m	m	Kg/m	Kg	
Item No.28	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification								
1 Measurements taken on	**Girder**								
	ISMD400 @ 61.6kg/m	1	2	2	31.3	62.6	61.6	3856.16	
	ISMD400 @ 61.6kg/m	1	2	2	12	24	61.6	1478.40	
							TOTAL QUANTITY IN Kg	**5334.56**	
2 Measurements taken on	**Horizantal member**								
	SHS 132X132X4.5Th @ 17.61kg/m	6	2	12	16.684	200.208	23.01	4606.79	
	SHS 50X50X2.6Th @ 3.69Kg/m	1	14	14	17.06	238.84	5.39	1287.35	
		1	16	16	0.6	9.6	5.39	51.74	
							TOTAL QUANTITY IN Kg	**5945.88**	
3 Measurements taken on	PURLIN								
	RHS 145X82X5.4Th @ 17.74Kg/m	1	16	16	31.3	500.8	17.74	8884.19	
							TOTAL QUANTITY IN Kg	**8884.19**	

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SL NO	DESCRIPTION OF ITEMS	NO's	L	B	D	VOLUME	WEIGHT /PLATE (7850 Kg/m^3)	TOTAL WEIGHT	
			m	m	m	m^3	weight		
4 Measurements taken on	**Plate**								
	600X600X16mm TH	4	14				45.22	2532.10	
	Joint Plates(300x300)12mm	2	14				8.48	237.44	
	Side Plates(200X250)12mm	2	14				5.89	164.92	
	Top Truss Joint Plate(300x150)12mm	2	14				4.24	118.72	
	Cleat angles (125x75x12mm)	2	14	24			12.1	290.40	
						TOTAL QUANTITY IN Kg		3343.58	

Bolt Calculation SL NO	Description	NO's	nos of bolts	total numbers	BAR DIA IN mm	L in m	Total no	Weight in kg/m	Total weight Kg's
5 Measurements taken on	**Bolt Calculation**								
	16mm Dia 300mm long Bolt								
	16mm dia bolt	4	14		16	0.3	56	2	112
								TOTAL QUANTITY IN Kg	112
								TOTAL STEEL QUANTITY IN Kg	23620.21
								TOTAL STEEL QUANTITY IN TONNE	23.62

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
							Total Executed Quantity	23620.21			
							Modified Schedule B Qty	23620.21			
							Now to be Paid Quantity	23620.21	132.60	3132040.00	
Item No. 29		Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work									
Measurement Taken on											
0	30		Sqm	1	30		16.6	498.00			
30	31.3		Sqm	1	1.3		16.6	21.58			
		Triangle	Sqm	1			9.96	9.96			
					0.5*16.6*1.2=9.96						
							Total Executed Quantity	529.54			
							Modified Schedule B Qty	529.54			
							Now to be Paid Quantity	529.54	794.00	420455.00	
Item No. 30		Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.734 kgs/mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coated oceanblue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 50mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete.									
Measurement Taken on											
		Structural Glazing									
		East Side									
			Sqm	1	1.7		3.5	5.95			
			Sqm	1	5.5		3.5	19.25			
			Sqm	1	5.12		3.5	17.92			
			Sqm	1	1.45		3.5	5.08			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		North Side						48.20			
			Sqm	1	23.05		3.5	80.68			
			Sqm	1	6.5		3.5	22.75			
							Total Executed Quantity	**151.62**			
							Tender Quantity	**103.80**			
							Quantity upto 125%	**129.75**			
							Quantity above 125%	**21.87**			
							Now to be Paid Quantity				
							Quantity upto 125%	**129.75**	**7623.00**	**989085.00**	
							Quantity above 125%	**21.87**	**7619.95**	**166649.00**	
Item No. 31		Providing and fixing of Door locking arrangements(page XV,item no 392)									
Measurement Taken on			Each	2				2.00			
							Total Executed Quantity	**2.00**			
							Modified Schedule B Qty	**2.00**			
							Now to be Paid Quantity	**2.00**	**583.00**	**1166.00**	
Item No. 32		Providing and fixing of Handles powder coated 150mm(page XV,item No,388)									
Measurement Taken on			Each	2				2.00			
							Total Executed Quantity	**2.00**			
							Modified Schedule B Qty	**2.00**			
							Now to be Paid Quantity	**2.00**	**53.00**	**106.00**	
Item No. 33		Providing and fixing of Hinges 5" heavy duty(Page No.XV,item No390)									
Measurement Taken on			Each	15				15.00			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency		Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Total Executed Quantity						**15.00**			
		Modified Schedule B Qty						**15.00**			
		Now to be Paid Quantity						**15.00**	**33.00**	**495.00**	
Item No. 34		Providing and fixing of Hold fasts MS (Page No XV, item No 391)									
Measurement Taken on											
			Each	4				4.00			
		Total Executed Quantity						**4.00**			
		Modified Schedule B Qty						**4.00**			
		Now to be Paid Quantity						**4.00**	**34.00**	**136.00**	
Item No. 35		Providing and fixing of Tower bolt 300mm long(page No,XVI, item No 407)									
Measurement Taken on											
			Each	7				7.00			
		Total Executed Quantity						**7.00**			
		Modified Schedule B Qty						**7.00**			
		Now to be Paid Quantity						**7.00**	**107.00**	**749.00**	
Item No. 36		Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes									
Measurement Taken on											
			m	4	8			32.00			
			m	3	4			12.00			
			m	1	35			35.00			
			m	2	8			16.00			
		Total Executed Quantity						**95.00**			
		Modified Schedule B Qty						**95.00**			
		Now to be Paid Quantity						**95.00**	**167.00**	**15865.00**	

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Agency		Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 38		Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms									
Measurement Taken on											
			Each	6				6.00			
		Total Executed Quantity						**6.00**			
		Modified Schedule B Qty						**6.00**			
		Now to be Paid Quantity						**6.00**	**326.00**	**1956.00**	
Item No. 39		Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.									
Measurement Taken on											
			Each	6				6.00			
		Total Executed Quantity						**6.00**			
		Modified Schedule B Qty						**6.00**			
		Now to be Paid Quantity						**6.00**	**326.00**	**1956.00**	
Item No. 40		KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3									
Measurement Taken on											
			Each	10				10.00			
		Total Executed Quantity						**10.00**			
		Modified Schedule B Qty						**10.00**			
		Now to be Paid Quantity						**10.00**	**270.00**	**2700.00**	

C & PC
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MEASUREMENT SHEET

First & Final Bill

Agency		Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 41		KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11									
Measurement Taken on											
			Each	2				2.00			
		Total Executed Quantity						**2.00**			
		Modified Schedule B Qty						**2.00**			
		Now to be Paid Quantity						**2.00**	**3604.00**	**7208.00**	
Item No. 42		KSRB 12.5:-Providing and fixing white vitreous china clay ,water closet European type (Pedestal type P-trap) with solid plastic seat and lid CP brass hinges rubber buffers 10Ltr low level P.V.C flushing cistern (all are approved make)with fittings C.I/M.S bracket.40mm diameter flush bend with fittings and clamps ,overlap,over flow arrengement with specialand 25mm mosquito proof coupling of approved design painting of fitting and brackets cuttingand making good all the wall floor wherver required ,including cost of all materials labour complete as per specification									
Measurement Taken on											
			Each	4				4.00			
		Total Executed Quantity						**4.00**			
		Modified Schedule B Qty						**4.00**			
		Now to be Paid Quantity						**4.00**	**5673.00**	**22692.00**	
Item No. 43		Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia									
Measurement Taken on											
			m	4	11.4			45.60			
			m	4	0.2			0.80			
			m	4	0.3			1.20			
			m	4	0.4			1.60			

49.20 G2PC

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First & Final Bill

Agency	Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
							Total Executed Quantity	**49.20**			
							Modified Schedule B Qty	**49.20**			
							Now to be Paid Quantity	**49.20**	**1433.00**	**70504.00**	
		Item No. 45 Supply and Installation of Treadmills of Speed: 0.5 ~ 25km / h (0.3 ~ 15mi /h), AC3Hp (10.5Hp max) Power of the motor. Incline Rate : 0% ~ 16%, Input power : 120V or 220V, 50Hz~60Hz Features : self tracking roller, antiskid grippers, USB socket, shock absorption system, convenience function, wireless mobile recharger , wireless heart measurement, pre-lubricated deck, Running area W530 X L1600mm (21"x63"), maximum user weight 200kgs.Display info : time, distance, calorie, speed, incline, heart rate. Inclusive of All Taxes and Transportation Charges										
		Measurement Taken on									
			No	1				**1.00**			
							Total Executed Quantity	**1.00**			
							Modified Schedule B Qty	**1.00**			
							Now to be Paid Quantity	**1.00**	**719630.0**	**719630.00**	
		Item No. 46 Supply and Installation of Bike of BH H775 of Technical specifications:-resistance level: 8 levels, no-friction magnetic resistance. power : 1.5 volts x 2, aa size battery. fly wheel : 5 kgs precision balanced Drive system : center design drive, super silent poly-v belt driven. Pedals : self balanced with adjustable straps. Seat : ergonomically designed easy seat with flex back cushion contoured for lumbar support with horizontal slide adjustment Handle bars : side handle bar with contact heart rate sensor and u bar style front Handle. display : lcd display, single window computerized console. Display : multi read out instantly displays time, speed, distance, calories, pulse, odo and scan. user weight : 100 kgs .Frame structure : extra sturdy and stable steel frame construction for maximum durability and stability, frame to be finished with proprietary two coat powder process. Inclusive of All Taxes and Transportation Charges										
		Measurement Taken on									
			No	1				**1.00**			
							Total Executed Quantity	**1.00**			
							Modified Schedule B Qty	**1.00**			
							Now to be Paid Quantity	**1.00**	**280510.0**	**280510.00**	

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Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 47		Supply and Installation of Rowing of Inspire Fitness Cross Rower : Heavy-duty steel COLOR-Matte black, chrome & red FINISH Electrostatic powder coat FLYWHEEL 30 lbs (14 kgs) with silent drive chain RESISTANCE SYSTEM Magnetic Display - LCD touch panel (6V, 4D size batteries) BLUETOOTH Ready to connect to heart rate monitoring devices BUILT-IN Tablet, water & personal item storage Tilt upright, on front end to store MAX USER WEIGHT 300 lbs (136 kgs) WARRANTY Residential: Limited 10y frame, 3y parts, 1y labor; Light Commercial: 10y frame, 2y parts, 1y labor; Full Commercial: 5y frame, 1y parts, 6m labor DIMS (W X L X H) 35 in x 76 in x 44 in (89 cm x 193 cm x 112 cm) W									
Measurement Taken on											
			No	1				1.00			
		Total Executed Quantity						1.00			
		Modified Schedule B Qty						1.00			
		Now to be Paid Quantity						1.00	293726.0	293726.00	
Item No. 49		Supply and Installation of Lat Pull Specifications Dimensions : W1.095 x L1,615 X H2,242 mm (43.1"x63.6"x88.3") Product Weight : 255Kg (562lb) Stack Weight : 100kg (220lb) Features Height adjustable thigh pads providing stability Greater feeling of thigh pad grips ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charge									
Measurement Taken on											
			No	1				1.00			
		Total Executed Quantity						1.00			
		Tender Quantity						1.00			
		Now to be Paid Quantity						1.00	369317.0	369317.00	
Item No. 50		Supply and Installation of Smith Machine of Specifications Dimensions : W1.844 x L1,350 X H2,230 mm (72.6"x53.2"x87.8") Product Weight : 188Kg (415lb) Features Rotating handle bar helping exercise start/stop 10kg of weight helping user's exercise 12 racking positions and 4 plate storage horns Improved feeling of 10kg dual weight clapper. Inclusive of All Taxes and Transportation Charges									
Measurement Taken on											
			No	1				1.00			
		Total Executed Quantity						1.00			
		Modified Schedule B Qty						1.00			
		Now to be Paid Quantity						1.00	397826.0	397826.00	

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Agency		Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 54		Supply and Installation of Elliptical of Resistance Level: 20 Levels, Power Requirements : 120 volts, Set up height : 4, 10 Workout Programs :Manual, random, interval, custom interval, 10K Features : Heart rate monitoring, space-efficient footprint, patented Multi Grip handlebars, water bottle holder, Workout boosters X-Mode, Arm Blaster, Glute Kicker, Dedicated logic programming, quick start, auto quick start, cool down, heart logic intelligence, wireless & Digital heart rate, Heart rate-controlled programs, maximum user weight 180kgs. Inclusive of All Taxes and Transportation Charges									
Measurement Taken on											
			No	1				1.00			
		Total Executed Quantity						1.00			
		Modified Schedule B Qty						1.00			
		Now to be Paid Quantity						1.00	286384.0	286384.00	
Item No. 55		Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm …. etc. as required.25mm (P.N0 3,1.8.2)									
Measurement Taken on											
		Conduits	m	6	15.95			95.70			
			m	2	10.2			20.40			
			m	2	23.4			46.80			
			m	2	18.52			37.04			
			m	3	13.9			41.70			
			m	1	7.25			7.25			
			m	2	6			12.00			
			m	2	3.24			6.48			
			m	2	4.88			9.76			
			m	2	5.4			10.80			
			m	2	3.9			7.80			
		Drops									
			m	5	1			5.00			
			m	1	0.4			0.40			
			m	2	2			4.00			
			m	1	0.5			0.50			
			m	1	1.5			1.50			

307.13

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Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To									
						Total Executed Quantity	307.13			
						Tender Quantity	300.00			
						Quantity upto 125%	307.13			
						Now to be Paid Quantity				
						Quantity upto 125%	307.13	27.00	8293.00	
Item No. 56	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch (P No 5 ; 1 No 2.3.1)									
Measurement Taken on										
			Each	20			20.00			
						Total Executed Quantity	20.00			
						Modified Schedule B Qty	20.00			
						Now to be Paid Quantity	20.00	152.00	3040.00	
Item No. 58	Long point above 6Mtr. upto 10M from tapping point to out let via switch (P No 5 ; 1 No 2.3.3)									
Measurement Taken on										
			Each	24			24.00			
						Total Executed Quantity	24.00			
						Tender Quantity	10.00			
						Quantity upto 125%	12.50			
						Quantity above 125%	11.50			
						Now to be Paid Quantity				
						Quantity upto 125%	12.50	354.00	4425.00	
						Quantity above 125%	11.50	375.00	4313.00	

Asst. Executive Engineer
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31/07/23

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Agency: **Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094**

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 59		Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm (P.No. 6, I.No.2.5.2)									
Measurement Taken on											
			Mtr	20	3	3		180.00			
		Total Executed Quantity						**180.00**			
		Modified Schedule B Qty						**180.00**			
		Now to be Paid Quantity						**180.00**	**19.00**	**3420.00**	
Item No. 60		2.5 sqmm (P.No. 6, I.No.2.5.3)									
Measurement Taken on											
			Mtr	29	3	6		522.00			
		Total Executed Quantity						**522.00**			
		Modified Schedule B Qty						**522.00**			
		Now to be Paid Quantity						**522.00**	**30.00**	**15660.00**	
Item No. 61		4 sqmm (P.No. 6, I.No.2.5.4)									
Measurement Taken on											
			Mtr	24	3	10		720.00			
		Total Executed Quantity						**720.00**			
		Modified Schedule B Qty						**720.00**			
		Now to be Paid Quantity						**720.00**	**44.00**	**31680.00**	
Item No. 63		4-5Way(P.NO 15,3.5.2)									
Measurement Taken on											
			Nos	8				8.00			
		Total Executed Quantity						**8.00**			
		Modified Schedule B Qty						**8.00**			
		Now to be Paid Quantity						**8.00**	**103.00**	**824.00**	

CZFC
31/01/23
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First & Final Bill

Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 64		8Way(P.NO 15,3.5.4)									
Measurement Taken on			Nos	2				2.00			
							Total Executed Quantity	2.00			
							Modified Schedule B Qty	2.00			
							Now to be Paid Quantity	2.00	148.00	296.00	
Item No. 65		10-12Way(P.NO 16,3.5.5)									
Measurement Taken on			Nos	3				3.00			
							Total Executed Quantity	3.00			
							Modified Schedule B Qty	3.00			
							Now to be Paid Quantity	3.00	168.00	504.00	
Item No. 67		4 Module(P.NO 16,3.6.2)									
Measurement Taken on			Nos	6				6.00			
							Total Executed Quantity	6.00			
							Modified Schedule B Qty	6.00			
							Now to be Paid Quantity	6.00	129.00	774.00	
Item No. 68		8 Module(P.NO 16,3.6.4)									
Measurement Taken on			Nos	2				2.00			
							Total Executed Quantity	2.00			
							Modified Schedule B Qty	2.00			
							Now to be Paid Quantity	2.00	212.00	424.00	

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

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First & Final Bill

Agency: **Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094**

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 69		12 Module(P.NO 16,3.6.6)									
Measurement Taken on			Nos	3				3.00			
		Total Executed Quantity						**3.00**			
		Modified Schedule B Qty						**3.00**			
		Now to be Paid Quantity						**3.00**	**283.00**	**849.00**	
Item No. 70		Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way.(P.NO 16,3.7.1)									
Measurement Taken on			Nos	68				68.00			
		Total Executed Quantity						**68.00**			
		Tender Quantity						**15.00**			
		Quantity upto 125%						**18.75**			
		Quantity above 125%						**49.25**			
		Now to be Paid Quantity									
		Quantity upto 125%						**18.75**	**66.00**	**1238.00**	
		Quantity above 125%						**49.25**	**70.00**	**3448.00**	
Item No. 72		6Amps 3way socket.(P.NO 16,3.7.3)									
Measurement Taken on			Nos	10				10.00			
		Total Executed Quantity						**10.00**			
		Modified Schedule B Qty						**10.00**			
		Now to be Paid Quantity						**10.00**	**100.00**	**1000.00**	
Item No. 73		Stepped Fan Regulator.(P.NO 16,3.7.4)									
Measurement Taken on			Nos	7				7.00			

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
							Total Executed Quantity	7.00			
							Tender Quantity	4.00			
							Quantity upto 125%	5.00			
							Quantity above 125%	2.00			
							Now to be Paid Quantity				
							Quantity upto 125%	5.00	303.00	1515.00	
							Quantity above 125%	2.00	290.00	580.00	
Item No. 75		6/16Amps universal socket.(P.NO 16,3.7.10)									
Measurement Taken on			Nos	10				10.00			
							Total Executed Quantity	10.00			
							Modified Schedule B Qty	10.00			
							Now to be Paid Quantity	10.00	155.00	1550.00	
Item No. 76		2' -14 watts (P No 25 ; I No 4.29.1)									
Measurement Taken on			Nos	31				31.00			
							Total Executed Quantity	31.00			
							Tender Quantity	8.00			
							Quantity upto 125%	10.00			
							Quantity above 125%	21.00			
							Now to be Paid Quantity				
							Quantity upto 125%	10.00	636.00	6360.00	
							Quantity above 125%	21.00	625.00	13125.00	
E1		KSRB 4-6.5 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for olumns,Pillers,posts and truts, square /rectangle/polygon in plan including cost of all materials,labour complete as per specification specification no KBS 4.6.2									
			Sqm					107.19			
		Vide Total executed Quantity from premeasuremet Page no.									
							Total Executed Quantity	107.19			
							Now to be Paid Quantity	107.19	522.28	55983.00	

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NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

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Agency	Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094									
Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From To										
E2	KSRB 4-6.6 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for Columns, Pillers,posts and struts, circularor curved includingcost of all materials,labour complete as per specification no KBS 4.6.2									
		Sqm								
	Vide Total executed Quantity from premeasuremet Page no. 6						**24.60**			
	Total Executed Quantity						**24.60**			
	Now to be Paid Quantity						**24.60**	**1045.70**	**25723.00**	
E3	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22									
Measurement Taken on										
		Nos	2				2.00			
	Total Executed Quantity						**2.00**			
	Now to be Paid Quantity						**2.00**	**7820.38**	**15641.00**	
E4	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system: 48" sweep (1200mm)									
Measurement Taken on										
		Each	7				7.00			
	Total Executed Quantity						**7.00**			
	Now to be Paid Quantity						**7.00**	**2194.50**	**15362.00**	

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NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

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Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		E5 Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight rick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogonated FR grade mineral based polymer core (2 hrs fire resistance as per ASTM E119-12 & clause B, S1, do as per BS476 EN 13501) sandwiched between 0.50mm skin thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete.									
		Measurement Taken on									
		East Side									
		Bottom Face	Sqm	1	16.4	0.75		12.3	12.30	12.30	
		Vertical	Sqm	1							
					Triangle Portion 0.5*16.4*1.5						
		Horizontal	Sqm	1	16.7	1.5			25.05		
		Columns	Sqm	3	3.95	1.5			17.78		
			Sqm	1	3.75	1.2			4.50		
		North Side	Sqm	1	30	1.8			54.00		
			Sqm	1	0.8	1.8			1.44		
		Columns	Sqm	1	3.6	0.85			3.06		
			Sqm	1	3.6	0.65			2.34		
							Total Executed Quantity		**132.77**		
							Now to be Paid Quantity		**132.77**	**4512.64**	**599121.00**
		E6 KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.									
		Measurement Taken on									
		First Floor									
		Window	Sqm	12	1.2			1.5	21.60		
		V	Sqm	4	0.6			0.6	1.44		

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MEASUREMENT SHEET

First & Final Bill

Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
								23.04			
		Ground Floor									
		W	Sqm	4	2		1.5	12.00			
		W1	Sqm	1	2.5		1.5	3.75			
		V	Sqm	9	0.88		0.55	4.36			
		V1	Sqm	6	0.65		0.56	2.18			
		Near Door	Sqm	4	0.52		2.1	4.37			
		Compound Wall Grills									
		South Side	Sqm	1	30		1.54	46.20			
			Sqm	1	19.25		1.54	29.65			
		East Side									
			Sqm	1	11.7		1.54	18.02			
		Gate	Sqm	1	6.65		2.84	18.89			
		Door	Sqm	2	3.8		2.57	19.53			
			Sqm	2	1.36		2.25	6.12			
							Total Executed Quantity	188.10			
							Now to be Paid Quantity	188.10	107.73	20264.00	
E7		KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.									
Measurement Taken on		31/01/2023									
		MD	Sqm	2	2.37		2.09	9.91			
		D	Sqm	2	1.2		2.1	5.04			
		D1	Sqm	2	1.18		2.08	4.91			
							Total Executed Quantity	19.86			
							Now to be Paid Quantity	19.86	110.00	2185.00	

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Agency: Srl. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Change in	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From To										
E8	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25 mm length. (width upto 500-600 mm only),to be fixed over the existing purlins, rafters, channels and trusses.									
Measurement Taken on	31/01/2023									
	Ridge	Sqm	1	32	1		32.00			
	Gutter	Sqm	2	30.8	0.6		36.96			
						Total Executed Quantity	**68.96**			
						Now to be Paid Quantity	**68.96**	**755.92**	**52129.00**	
E9	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member									
Measurement Taken on										
		m	2	5.7			11.40			
						Total Executed Quantity	**11.40**			
						Now to be Paid Quantity	**11.40**	**412.32**	**4701.00**	

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

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Agency: Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
E10		Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity									
Measurement Taken on			Sqm	2	0.9		2.4	4.32			
		Total Executed Quantity						4.32			
		Now to be Paid Quantity						4.32	2748.82	11875.00	
									Total Amount	12952353.00	12951923
									18% GST	2331424.00	2331346
									Grand Total Amount	15283777.00	15283269

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